Place all links to useful information here from now on. Either add to an existing category to place the link, or make a new category. Also add a description of what the link contains.

Bullets shortcut = ctrl+shift+8

**Market Competition and existing DIY Projects**

* Sturdy 6-lb max load product: <https://www.bhphotovideo.com/c/product/64399-REG/Bescor_MP101_MP_101_Motorized_Pan_Head.html>
* Video of DIY project assembly: <https://www.youtube.com/watch?v=4A7tJ0QH4L4&feature=youtu.be>

**General Servo Information**

* About hobby servos (PWM, how they work, what’s inside, etc.) <https://learn.sparkfun.com/tutorials/hobby-servo-tutorial>
* Feedback Servos
  + <https://learn.adafruit.com/analog-feedback-servos/about-servos-and-feedback>
  + <https://learn.adafruit.com/analog-feedback-servos/using-feedback>
* Calculating torque requirements:
  + <https://www.motioncontroltips.com/8-easy-steps-to-selecting-the-right-servo-systems/>

**PWM Control for Servos with ATmega32U4**

* Has example of using timers with clock to set duty cycle: <http://extremeelectronics.co.in/avr-tutorials/servo-motor-control-by-using-avr-atmega32-microcontroller>

**ATmega32U4 Datasheet, Info, and Application Notes**

* Datasheet: <http://ww1.microchip.com/downloads/en/devicedoc/atmel-7766-8-bit-avr-atmega16u4-32u4_datasheet.pdf>
* Microchip summary (Includes APPLICATION NOTES under documents): <https://www.microchip.com/wwwproducts/en/ATMEGA32U4>
* Adafruit BREAKOUT BOARD: <https://learn.adafruit.com/atmega32u4-breakout?view=all#download>

**Oscillator information**

* Internal vs. external oscillator: <https://www.allaboutcircuits.com/technical-articles/choosing-the-right-oscillator-for-your-microcontroller/>

**Installing Arduino Bootloader**

* Installing bootloader: <https://learn.sparkfun.com/tutorials/installing-an-arduino-bootloader/all>
* Fuse Calculator!!! <http://www.engbedded.com/fusecalc/>

**Voltage Regulators**

* 3.3v regulator: <https://www.arrow.com/en/products/mic5225-3.3ym5-tr/microchip-technology>

**Eagle CAD SCHEMATICS**

* <https://learn.sparkfun.com/tutorials/using-eagle-schematic/all>

**Eagle CAD PCB**

**Remotes**

* <https://www.adafruit.com/product/1829>
* <https://www.adafruit.com/product/1332>
* <https://www.adafruit.com/product/419>
* <https://www.adafruit.com/product/3845>
* <https://www.adafruit.com/product/1660>